

## A G E N D A



## Recommendation for Council Action (Purchasing)

Austin City Council

Item ID:

46323

Agenda Number

38.

Meeting Date:

June 18, 2015

Department:

Purchasing

## Subject

Authorize award and execution of a contract with ACTIVU CORPORATION to replace the light engines in the video wall at the City's Combined Transportation Emergency Communications Center facility in an amount not to exceed \$749,182.

## Amount and Source of Funding

Funding is available in the Fiscal Year 2014-2015 Capital Budget of the City's Combined Transportation Emergency Communications Center.

## Fiscal Note

A fiscal note is required.

Purchasing Language:

Lowest bid received for the purchase and installation of light engines.

Prior Council Action:



For More Information:

Jane Neal, Buyer I, 512-974-3398

Boards and Commission Action:



Related Items:

MBE / WBE:

This contract will be awarded in compliance with City Code Chapter 2-9D Minority Owned and Women Owned Business Enterprise Procurement Program. Per the City's Small and Minority Business Resources Department, no subcontracting opportunities were identified; therefore, no goals were established for this solicitation.

## Additional Backup Information

The contract is for the purchase and installation of light engines for the video display wall at the Combined Transportation Emergency and Communications Center (CTECC). The video display wall is located on the operations floor of CTECC. CTECC is an interlocal facility/partnership between the City, Travis County, Texas Department of Transportation (TXDOT) and the Capital Metropolitan Transportation Authority established 15 years ago for transportation management, emergency management, 9-1-1 call handling and emergency dispatch. The CTECC interlocal agreement designates the City as the managing partner for CTECC. This display wall is used 24 hours a day, 7 days per week by City emergency response personnel and TXDOT for traffic management. Functions include monitoring state maintained roadways for unplanned incidents using traffic cameras to provide public safety dispatchers with close-up views of emergencies and showing weather information during severe weather events.

The light engine technology for the display wall is over 10 years old, past end of life, with maintenance costs that have increased noticeably over the past several years. In Fiscal Year 2011-12 and Fiscal Year 2012-13, the City spent over \$60,000 per year on maintenance and this cost is increasing by over 6% each year. CTECC's technical team, working with the manufacturer of the display wall, determined that replacing the current halogen bulb light engines with light emitting diode (LED) technology light engines will significantly reduce the maintenance costs, energy costs, and heat load while extending the life of the display wall equipment. This is a more cost effective option when compared to replacing the entire display wall. The display wall is configured such that four displays make up a single image. Due to the halogen bulb technology, not all bulbs degrade at the same rate over the 2,000 hour standard lifetime. Therefore, over time, the four quadrants display different brightness making the picture difficult to view. This can happen over a few weeks or months, depending on the individual bulb quality. The process to rebalance is a labor intensive, time-consuming effort. This work constitutes a majority of the maintenance cost (labor and parts). The LED light source has an estimated life of 100,000 hours and continuously automatically self-adjusts and rebalances the brightness.

In accordance with the existing CTECC interlocal agreement, TXDOT will reimburse the City for 75% of this purchase. Not replacing these light engines would result in an increase in traffic congestion due to increased response time on state maintained roadways if a malfunction should occur.

MBE/WBE solicited: 3/2

MBE/WBE bid: 0/0

**BID TABULATION**  
**IFB JCN0004**

<b><u>Vendor</u></b>	<b><u>Estimated Annual Cost</u></b>
Activu Corporation Rockaway, NJ	\$749,182.17
Whitlock Austin, TX	\$791,262.13
AVI-SPL Tampa, FL	\$820,984.25
Technical Innovation Houston, TX	\$845,551.06

A complete bid tabulation is on file in the Purchasing Office and is on the City's Financial Services Austin Finance Online website at: [http://ci.austin.tx.us/financeonline/vendor\\_connection/solicitation/search.cfm](http://ci.austin.tx.us/financeonline/vendor_connection/solicitation/search.cfm)

**PRICE ANALYSIS**

- a. Adequate competition.
- b. 172 notices were sent, including three MBE and two WBE. Four bids were received with no response from the MBEs/WBEs.
- c. This is the first purchase of its type; therefore there is no pricing history available.

**APPROVAL JUSTIFICATION**

- a. Lowest bid received.
- b. The Purchasing Office concurs with the Combined Transportation Emergency and Communications Center's recommended award.
- c. Advertised in the Austin American Statesman and on the internet.